

WHAT IS CLAIMED IS:

1. A gun support apparatus, comprising:
a base portion;
a first arm member attached to the base portion; and
a second arm member attached to the base portion,
wherein each of the first and second arm members comprises
an upright member,
a distal support member,
a first link pivotably coupled to the upright member and attached to the
distal support member, such that the first link is located between the distal support
member and the upright member, and
a second link attached to the upright member and attached to the first link,
wherein the second link has an variable length.
2. The gun support apparatus of claim 1, wherein the first link for at least one of the arm
members has a fixed length.
3. The gun support apparatus of claim 1, wherein the first link for at least one of the arm
members has an adjustable length.
4. The gun support apparatus of claim 1, wherein the second link is pivotably coupled to the
upright member and the second link is pivotably coupled to the first link.
5. The gun support apparatus of claim 1, wherein the first arm member is pivotably coupled
to the base portion.

6. The gun support apparatus of claim 5, wherein the second arm member is pivotably coupled to the base portion.
7. The gun support apparatus of claim 6, wherein the first arm member and the second arm member are both configured to pivot about a same axis.
8. The gun support apparatus of claim 7, wherein the base portion comprises an upright shaft extending along the axis, wherein the first arm member is pivotably coupled to the upright shaft, and wherein the second arm member is pivotably coupled to the upright shaft adjacent to the first arm member.
9. The gun support apparatus of claim 8, wherein the upright shaft extends through the upright members of the first and second arm members.
10. The gun support apparatus of claim 8, further comprising a washer located about the upright shaft and located between the first and second arm members.
11. The gun support apparatus of claim 10, wherein the washer is made from a non-metal material.
12. The gun support apparatus of claim 6, wherein the first arm member is configured to pivot about a first axis and the second arm member is configured to pivot about a second axis, wherein the first axis is not coaxially aligned with the second axis.
13. The gun support apparatus of claim 12, wherein the base portion comprises:
a first upright shaft extending along the first axis, the first upright shaft extending through the upright member of the first arm member; and

a second upright shaft extending along the second axis, the second upright shaft extending through the upright member of the second arm member, wherein the second upright shaft is adjacent to the first upright shaft.

14. The gun support apparatus of claim 1, wherein the second link for at least one of the arm members comprises:

a shaft portion having a threaded end; and

a knob portion having a threaded hole formed therein, wherein the threaded end of the shaft portion is adapted to mate with the threaded hole.

15. The gun support apparatus of claim 1, wherein first link for at least one of the arm members is pivotably coupled to the distal support member.

16. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members has a generally U-shaped cradle portion.

17. The gun support apparatus of claim 1, wherein the base portion comprises three legs extending therefrom.

18. The gun support apparatus of claim 17, wherein the legs are pivotably coupled to the base portion to provide an adjustable height for the base portion.

19. The gun support apparatus of claim 17, wherein the legs have adjustable lengths.

20. The gun support apparatus of claim 1, wherein the first arm member is fixedly attached to the base portion and wherein the second arm member is pivotably coupled to the base portion.

21. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members comprises a clamp portion.
22. The gun support apparatus of claim 1, wherein the base portion comprises a plate-shaped platform portion.
23. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members comprises a plate-shaped platform portion.
24. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members comprises a generally J-shaped cradle portion.
25. The gun support apparatus of claim 1, wherein the base portion comprises a tripod structure.
26. The gun support apparatus of claim 1, wherein the base portion comprises a mounting bracket adapted to clamp onto another object.
27. The gun support apparatus of claim 1, wherein the base portion comprises a storage tray extending therefrom.
28. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members comprises a bracket adapted to retain a camera.
29. The gun support apparatus of claim 1, wherein distal support member for at least one of the arm members comprises a bracket adapted to retain a light.
30. The gun support apparatus of claim 1, further comprising a third arm member attached to and extending from the base portion.

31. The gun support apparatus of claim 1, further comprising a dampener member attached to and extending between the first and second arm members.
32. The gun support apparatus of claim 1, wherein the base portion comprises a bracket adapted for attachment to a wheelchair.
33. The gun support apparatus of claim 1, wherein the distal support member for at least one of the arm members comprises a bracket adapted to retain a fishing pole.

34. A gun support apparatus, comprising:

a shaft extending along a longitudinal axis;

a first arm member pivotably coupled to the shaft such that the first arm member may pivot about the longitudinal axis; and

a second arm member pivotably coupled to the shaft such that the second arm member may pivot about the longitudinal axis, wherein the second arm member is adjacent the first arm member along the longitudinal axis of the shaft.

35. A gun support apparatus, comprising:
- a base portion;
 - a first link extending along a first link axis and attached to the base portion at a proximate end of the first link; and
 - a second link extending along a second link axis and attached to the base portion at a proximate end of the second link, wherein a distal end of the second link is attached to a distal end of the first link, wherein an angle formed between the first link axis and the second link axis is less than 90 degrees, and
- wherein the second link comprises
- a shaft portion having a threaded end, and
 - a knob portion having a threaded hole formed therein, wherein the threaded end of the shaft portion is adapted to mate with the threaded hole to provide a variable length for the second link.
36. The gun support apparatus of claim 35, wherein the angle formed between the first link axis and the second link axis is less than about 45 degrees.
37. The gun support apparatus of claim 36, wherein the angle formed between the first link axis and the second link axis is about 30 degrees.

38. A gun support system comprising:
- a base portion;
 - gun support arms attached to and extending from the base portion; and
 - a storage tray attached to and extending from the base portion.
39. The gun support system of claim 38, further comprising three legs attached to and extending from the base portion.
40. The gun support system of claim 39, wherein the base portion includes a tripod stand, the three legs being part of the tripod stand, and wherein the tray is located between the gun support arms and the tripod stand.
41. The gun support system of claim 39, further comprising a fourth leg attached to and extending from the base portion.
42. The gun support system of claim 39, wherein the legs have adjustable lengths.
43. The gun support system of claim 38, wherein the base portion comprises a mounting bracket adapted to clamp onto another object.
44. The gun support system of claim 38, wherein the base portion comprises a bracket adapted for attachment to a wheelchair.

45. A gun support kit for use with a wheelchair, comprising:
a base portion adapted for being attached to a wheelchair; and
gun support arms attached to and extending from the base portion.
46. The gun support kit of claim 45, wherein at least one of the gun support arms is pivotably coupled to the base portion to allow for pivotal movement relative to the base portion.
47. The gun support kit of claim 45, wherein the base portion is adapted for being removably attached to a wheelchair.

48. A method of assembling a gun support apparatus, comprising:

assembling first and second arm members, wherein the assembling of each of the arm members comprises

attaching a first link to an upright member,

attaching the first link to a distal support member, such that the first link is located between the distal support member and the upright member,

attaching a second link to the upright member,

attaching the second link to the first link, wherein the second link has an variable length;

attaching the first arm member to a base portion; and

attaching the second arm member to the base portion.

49. A method of assembling a gun support apparatus, comprising:

attaching a first arm member to a shaft, wherein the shaft extends along a longitudinal axis, and wherein the first arm member may pivot about the longitudinal axis relative to the shaft; and

attaching a second arm member to the shaft such that the second arm member may pivot about the longitudinal axis, wherein the second arm member is adjacent the first arm member along the longitudinal axis of the shaft.